

WHAT IS CLAIMED IS:

1. A resin substrate wherein a transparent resin plate has at least a conductive layer via a transparent layer with a lower refractive index than said resin plate.

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2. A resin substrate according to claim 1, wherein the optical path length based on the product of a thickness of said transparent layer with lower refractive index and the refractive index is 100nm or greater.

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3. The resin substrate according to claim 1, wherein said transparent layer with lower refractive index is composed of an inorganic dielectric.

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4. The resin substrate according to claim 1, wherein said conductive layer is transparent.

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5. The resin substrate according to claim 1, wherein said transparent resin plate is composed of resin having a glass transition temperature of 90°C or more.

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6. The resin substrate according to claim 1, further comprising a color filter layer between said transparent layer with lower refractive index and said conductive layer.

7. A liquid crystal display device having a liquid crystal display panel comprising at least a liquid crystal cell with a liquid crystal carried between a visible side substrate and a back side substrate that are disposed with electrodes on their substrates opposed to one another, wherein one or both of said visible side substrate and said back side substrate is or are the resin substrate according to any one of claim 1 to 6.

10 8. The liquid crystal display device according to claim 7, wherein said liquid crystal display panel has a polarizer on one side or both sides of said liquid crystal cell.

15 9. The liquid crystal display device according to claim 7, wherein said liquid crystal display panel has a lighting device on one or more lateral faces thereof, and optical path converting means for converting the optical path of an illuminating light from said lighting device that is incident through the substrate by reflecting the light toward the other substrate is provided outside of the visible side substrate or the back side substrate that is composed of the resin substrate according to claims 1 to 6.

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Fig 42